

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MUTEK.4C1CP1	APPLICATION NO. 10/057,002
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Wygodny, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE January 24, 2002	GROUP 2821

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*PATENT & TRADEMARK OFFICE*

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>dr</i>	4,503,495	03/05/85	Boudreau			<i>JUL 02 2002</i>
<i>n</i>	4,511,960	04/16/85	Boudreau			<i>Technology Center 2600</i>
<i>dr</i>	4,598,364	07/01/86	Gum, et al.			
<i>a</i>	4,782,461	11/01/88	Mick, et al.			
<i>ds</i>	5,121,489	06/09/92	Andrews			
<i>d</i>	5,193,180	03/93	Hastings			
<i>j</i>	5,265,254	11/23/93	Blasiak, et al.			
<i>x</i>	5,297,274	03/22/94	Jackson			
<i>j</i>	5,335,344	08/02/94	Hastings			
<i>dr</i>	5,347,649	09/13/94	Alderson			
<i>x</i>	5,386,522	01/31/95	Eväns			
<i>as</i>	5,386,565	01/31/95	Tanaka, et al.			
<i>t</i>	5,394,544	02/28/95	Moloyama, et al.			
<i>k</i>	5,408,650	04/18/95	Arsenault			
<i>l</i>	5,410,685	04/25/95	Banda, et al.			
<i>h</i>	5,421,009	05/30/95	Platt			
<i>h</i>	5,446,876	08/29/95	Levine, et al.			
<i>m</i>	5,450,586	09/12/95	Kuzara, et al.			
<i>q</i>	5,465,258	11/07/95	Adams			
<i>d</i>	5,481,740	01/02/96	Kodosky			
<i>h</i>	5,526,485	06/11/96	Brodsky			
<i>l</i>	5,533,192	07/02/96	Hawley, et al.			
<i>f</i>	5,551,037	08/27/96	Fowler, et al.			
<i>h</i>	5,581,697	12/03/96	Gramlich, et al.			
<i>h</i>	5,590,354	12/31/96	Klaproth, et al.			
<i>h</i>	5,612,898	03/18/97	Huckins			

EXAMINER	DATE CONSIDERED	<i>2/16/07</i>
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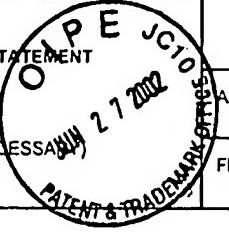
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>J</i>	5,615,331	03/25/97	Toorians, et al.				
<i>G</i>	5,632,032	05/20/97	Ault, et al.				
<i>Z</i>	5,642,478	06/24/97	Chen, et al.				
<i>J</i>	5,657,438	08/12/97	Wygodny, et al.				
<i>g</i>	5,740,355	04/14/98	Watanabe, et al.				
<i>J</i>	5,771,385	06/23/98	Harper				
<i>H</i>	5,903,718	05/11/99	Marik				
<i>K</i>	5,928,369	07/27/99	Keyser, et al.				
<i>L</i>	5,938,778	08/17/99	John, Jr., et al.				
<i>L</i>	5,940,618	08/17/99	Blandy, et al.				
<i>K</i>	5,983,366	11/09/99	King				
<i>L</i>	6,282,701 B1	08/28/01	Wygodny, et al.				
<i>K</i>	6,003,143	12/14/99	Kim, et al.				
<i>X</i>	6,202,199 B1	03/13/01	Wygodny, et al.				

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>M</i>	WO 96/05556	02/22/96	PCT				

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 <b>Technology Center 2600</b>			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
<i>m</i>	Bates, Peter C., "Debugging Heterogeneous Distributed Systems Using Event-Based Models of Behavior," ACM Transactions on Computer Systems, Vol. 13; No. 1, February 1995, pp. 1-31.
<i>m</i>	Bruegge, Bernd, et al., "A Framework for Dynamic Program Analyzers," OOPSLA, 1993, pp. 62-85.
<i>L</i>	Geer, C.P., et al., "Instruction Stream Trace," IBM Technical Disclosure Bulletin, Vol. 28, No. 11, April 1984, pp. 6217-6220.
<i>A</i>	Harward, L.D. Jr., "PL/I Trace Program," IBM Technical Disclosure Bulletin, Vol. 13, No. 4, September 1970, pp. 855-857.
<i>A</i>	Hunt, T.A., "General Trace Facility," IBM Technical Disclosure Bulletin, Vol. 15, No. 8, January 1973, 2446-2448.
<i>A</i>	Karus, James R., "Efficient Program Tracing," IEEE, May 1993, pp. 52-61.
<i>m</i>	Malony, Allen D., et al., "Traceview: A Trace Visualization Tool," IEEE, September 1991, pp. 19-28.
<i>D</i>	Martonosi, Margaret, et al., "Effectiveness of Trace Sampling for Performance Debugging Tools," ACM SIGMETRICS, 1993, 248-259.
<i>D</i>	Meier, Michael S., et al., "Experiences with Building Distributed Debuggers," SPDT, 1996, 70-79.
<i>L</i>	Mukherjea, Sougata, et al., "Applying Algorithm Animation Techniques for Program Tracing, Debugging, and Understanding," IEEE, 1993, pp. 456-465.
<i>L</i>	Netzer, Robert H.B., "Optimal Tracing and Replay for Debugging Shared-Memory Parallel Programs," ACM/ONR Workshop on Parallel and Distributed Debugging, May 17-18 1993, San Diego, California, pp. 1-12.
<i>L</i>	Netzer, Robert H.B., et al., "Optimal Tracing and Replay for Debugging Message-Passing Parallel Programs," IEEE, 1992, PP. 502-511.
<i>L</i>	Netzer, H.B., et al., "Optimal Tracing and Incremental Reexecution for Debugging Long-Running Programs," ACM SIGPLAN 1994 Conference on Programming Language Design and Implementation, June 20-24, Orlando, Florida, pp. 313-325.
<i>V</i>	Plattner, Bernhard, et al., "Monitoring Program Execution: A Survey," IEEE, November 1981, pp. 76-93.
<i>A</i>	Reiss, Steven P., "Trace-Based Debugging," Automated and Algorithmic Debugging Workshop, May 3-5, 1993.
<i>L</i>	Rosenberg, Jonathan, B., How Debuggers Work: Algorithms, Data Structures, and Architecture., John Wiley & Sons, Inc., 1998.
<i>S</i>	Schieber, Colleen, et al., "RATCHET: Real-time Address Trace Compression Hardware for Extended Traces," Performance Evaluation Review, Vol. 21, Nos. 3 and 4, April 1994, pp. 22-32.
<i>V</i>	Spinellis, Diomidis, "Trace: A Tool for Logging Operating System Call Transactions," Operating Systems Review Publication, vol. 28, No. 4, October 1994, pp. 56-63.
<i>X</i>	Soule, K., "Algorithm for Tracing Execution Paths to a Given Location in a Program," IBM Technical Disclosure Bulletin, Vol. 14, No. 4, September 1971, pp. 1016-1019.
<i>Z</i>	Timmerman, F. Gielen, et al., "High Level Tools for the Debugging of Real-Time Multiprocessor Systems," ACM/ONR Workshop on Parallel and Distributed Debugging, May 17-18, 1993, San Diego, California, pp. 151-158.
<i>Z</i>	Tsai, Jeffrey, J.P., et al., "A Noninvasive Architecture to Monitor Real-Time Distributed Systems," IEEE, March 1990, pp. 11-23.
<i>K</i>	Whiner, David, "WindView: A Tool for Understanding Real-time Embedded Software Through System Visualization," ACM SIGPLAN Notices, Vol. 30, No. 11, November 1995, pp. 117-123.

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